AOpen

Digital Signage

Plataforma

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La plataforma de digital signage de AOpen

El componente ideal para diseñer la solución completa más perfecta y fiable

La línea de productos Digital Engine® de AOpen incorpora diferentes modelos, cada uno sus propias especificaciones para atender diferentes necesidades. Los productos pueden ser aplicados en una amplia variedad de maneras, como el digital signage, kioskos, puntos de venta (POS), máquinas vendedoras, aplicaciones médicas, sistemas de información de vuelos y muchas más.

El Digital Engine es un media player con plataforma de Pc semi industrial único y de pequeño formato (uSFF) con o sin ventilador. Su tamaño compacto hace que su instalación detrás de un monitor sea sencillo y no aumente el espacio entre la pared y el monitor, o el integrarlo en un kiosko u otros sistemas de presentación especialmente diseñados. Todos y cada uno de los Digital Engine® de AOpen han pasado pruebas de choque y vibración en funcionamiento con un MTBF de 40.000 horas, con choques en funcionamiento de 8G y ensayos de vibración en funcionamiento de 0.5Grms, lo que garantiza su fiabilidad.

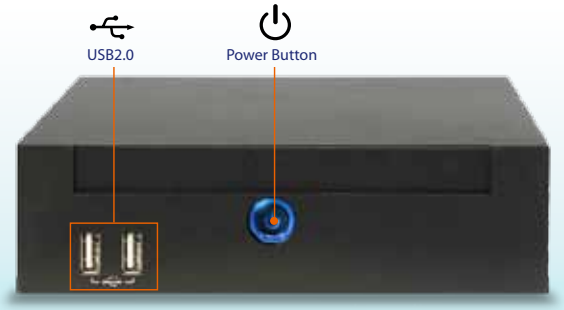
Las series de Digital Engine® de AOpen tienen la tecnología MoDT – una tecnología que ha iniciado un nuevo estándar en las soluciones para digital signage, que requiere que las máquinas ahorren energía, sean ultra silenciosas, ahorren espacio y tengan un alto rendimiento. Además, AOpen también ofrece soluciones de montaje como el Engine Core para instalaciones de múltiples Digital Engine agrupándolos en un rack seguro y controlable.

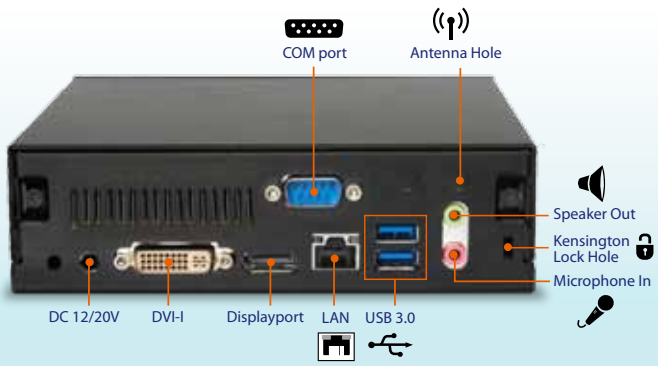
DIGITAL ENGINE

Ocio digital	Salud digital	Oficina digital	Digital Signage	Juegos	Kioskos	Puntos de venta
PC TV IPTV DMA STB Pc's para coches	Panel PC Baja radiación Silencioso Menos cables	Thin Client Seguridad Confianza Proyector Pc	Pequeño formato Fiable Quick Boot NAND Flash Fácil mantenimiento	Juegos Arcade Dardos Baile	Pantalla táctil	Dual Display Puertos COM CF Flash

DIGITALENGINE®

DE67-HA





Model name		DE67-HA
Feature		Intel AMT 7.0 support
Housing Material		SECC t=0.8 mm
Dimension	W x H x D (mm)	166 x 48 x 157 mm
	W x H x D (in)	6.54 x 1.89 x 6.18 inch
Volume(liters)		1.25L
Weight(Kg/Pound)		1.25 kg/2.75 pound (N.W.)
Form Factor		mini-ATX
CPU	Socket	RPGA988B
	Type	Supports Intel Core i3,i5,i7 mobile processor TDP≤35W
Chipset	NB	Intel QM67 Chipset
	SB	
Memory	Channels	Dual Channel
	Type	DDRIII SO-DIMM x 2
	DDR	1333
	Max Memory	8G (depending on OS)
Graphics	Chip	Integrated in CPU
	DVI-I	x 1
	VGA Port	x1 (via DVI to VGA concerter)
	Display Port	x 1
Expansion	Mini Card Slot	Full size x 1, half size x 1
Audio	Type	Realtek HD Audio Codec ALC662
	Channels	Stereo/5.1 CH with HDMI
LAN		Intel Gigabit Ethernet WG82579LM
		10/100/1000
Storage	S-ATA Connector	x 1 (for 2.5"HDD and slim ODD)
Security	Trusted Platform Modules (TPM v1.2)	SLB9635TT1.2V1.03
	Kensington Lock Hole	x 1 (Rear)
Storage Bay	Slot-in Slim ODD Bay	x 1
	2.5" SATA II HDD Bay	x 1

USB			USB 2.0 x 2, Front/USB3.0 x 2, Rear
Storage	S-ATA Connector		x 1 (for 2.5" HDD and slim ODD)
Front Panel IO	Power Button		x 1
	HDD indicator (blue)		x 1
	Power indicator (blue)		x 1
	USB 2.0 Port		x 2
Rear Panel IO	DC Jack		x 1
	DVI Port		x 1 (include HDMI + VGA)
	Display Port		x 1
	USB 3.0 Port		x 2
	RJ45 LAN Jack		x 1
	Legacy RS232 Serial Port (COM Port)		x 1
	Audio Set	Line-Out	x 1
		Mic-in	x 1
	Antenna Hole		x 2
	Kensington Lock Hole		x 1
CPU Thermal	Module		AOpen Thermal Module
	Noise		27dB
WatchDog Timer			1 ~ 255 SEC./min
Adapter			90W (20V, 4.5A) AC Adapter
Input Voltage			AC 100 ~ 240V/DC 12V/20V

Environment	
MTBF	40,000hrs
Operating Temperature	0 ~ 50°C (32 ~ 122°F)
Storage Temperature	-30 ~ 60°C (-22 ~ 140°F)
Relative Humidity	95% RH (50°C non-Condensing)
Operating Vibration	0.5Gms, Random, 10 ~ 500Hz,X,Y,Z 3Axes, 0.5hr/Axis
Non-Operating Vibration	2Gms, Random, 10 ~ 300Hz,X,Y,Z 3Axes, 1hr/Axis
Operating Shock	8G, Half sine, 11ms duration
Non-Operating Shock	50G, Half sine, 11ms duration

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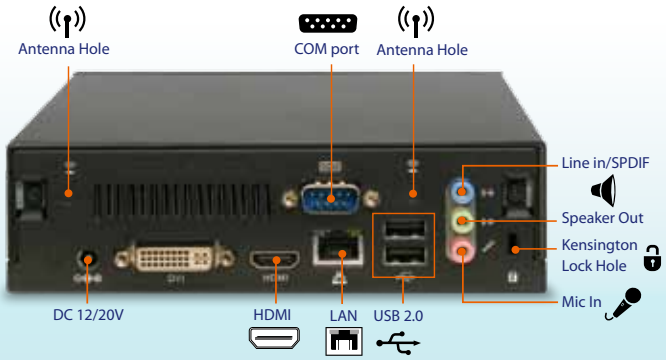
DE57-HA



Model name		DE57-HA
Feature		Supports Intel AMT 6.0
Part Number		91.ADE01.A120
Housing Material		SECC t=0.8 mm
Dimension	W x H x D (mm)	166 x 48 x 157 mm
	W x H x D (in)	6.54 x 1.89 x 6.18 inch
Volume (liters)		1.25L
Weight (Kg/Pound)		1.03 kg/2.27 pound (N.W.)
Form Factor		mini-ATX
CPU	Socket	RPGA988A
	Type	Supports Intel Core i3,i5,i7 mobile processor TDP≤35W
Chipset	NB	Intel QM57 Chipset
	SB	
Memory	Channels	Dual Channel
	Type	DDRIII SO-DIMM x 2
	DDR	800/1066
	Max Memory	8G (depending on OS)
Graphics	Chip	Integrated in CPU
	DVI-I	x 1
	VGA Port	x 1 (via DVI to VGA concerter)
	HDMI Port	x 1
Expansion	Mini Card Slot	Full size x 1, half size x 1
Audio	Type	Realtek HD Audio Codec ALC662
	Channels	5.1 CH
LAN		Intel Gigabit Ethernet WG82577LM
		10/100/1000
Storage	S-ATA Connector	x 1 (for 2.5"HDD and slim ODD)
Security	Trusted Platform Modules (TPM v1.2)	SLB9635TT1.2V1.03
	Kensington Lock Hole	x 1 (Rear)
Storage Bay	Slot-in Slim ODD Bay	x 1
	2.5" SATA II HDD Bay	x 1

USB 2.0			x 4 (2 (Rear), 2 (Front))
Front Panel IO	Power Button		x 1
	HDD indicator (blue)		x 1
	Power indicator (blue)		x 1
	USB 2.0 Port		x 2
Rear Panel IO	DC Jack		x 1
	DVI Port		x 1
	HDMI		x 1
	USB 2.0 Port		x 2
	RJ45 LAN Jack		x 1
	Legacy RS232 Serial Port (COM Port)		x 1
	Audio Set	Line-in	x 1
		Line-out	x 1
		Mic-in	x 1
	Antenna Hole		x 2
	Kensington Lock Hole		x 1
CPU Thermal	Module		AOpen Thermal Module
	Noise		27dB
WatchDog Timer			1~255 SEC./min
Adapter			90W (20V, 4.5A) AC Adapter
Input Voltage			AC 100 ~ 240V/DC 12V/20V

Environment	
MTBF	40,000hrs
Operating Temperature	0 ~ 50°C (32 ~ 122°F)
Storage Temperature	-30 ~ 60°C (-22 ~ 140°F)
Relative Humidity	95% RH (50°C non-Condensing)
Operating Vibration	0.5Gms, Random, 10 ~ 500Hz,X,Y,Z 3Axes, 0.5hr/Axis
Non-Operating Vibration	2Gms, Random, 10 ~ 300Hz,X,Y,Z 3Axes, 1hr/Axis
Operating Shock	8G, Half sine, 11ms duration
Non-Operating Shock	50G, Half sine, 11ms duration

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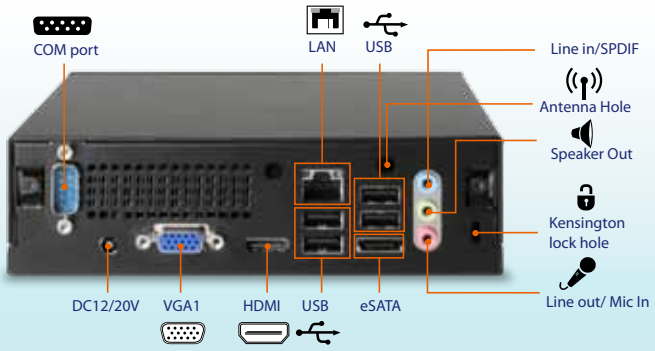
DE7000



Model name		DE7000
Part Number		91.ADE01.7010
Housing Material		SECC t=0.8 mm
Dimension	W x H x D (mm)	166 x 48 x 164.1 mm
	W x H x D (in)	6.54 x 1.89 x 6.46 inch
Volume (liters)		1.30L
Weight (Kg/Pound)		1.2 kg/2.64 pound (N.W.)
Form Factor		mini-ATX
CPU	Socket	Socket P
	Type	Supports Intel Core 2 Duo, CeleronM CPU (Penryn & Santa Rosa Refresh) TDP≦ 35W
	FSB	667/800/1066 MHz
Chipset	NB	Nvidia MCP7A-LP Chipset
	SB	N/A
Memory	Channels	Dual Channel
	Type	DDR3 SO-DIMM x 2
	DDR	800/1066/1333
	Max Memory	8G
Graphics	Chip	GeForce 9300
	DVI Port	N/A
	VGA Port	x 1
	HDMI Port	x 1
Expansion	Mini PCI Slot	N/A
	Mini Card Slot	x 2 (PCIe x 1, USB+SIM bridge card slot x 1)
Audio	Type	Realtek HD Audio Codec ALC662
	Channels	5.1 CH
	Line-In	x 1
	Line-Out (Front-Out L/R)	x 1
Audio	Mic-In (Central/Subwoofer out)	x 1
LAN		Realtek Gigabit Ethernet x 1
		10/100/1000
USB 2.0		x 6 (4 (Rear), 2 (Front))
Storage	S-ATA Connector	x 2 (1 for 2.5" HDD, 1 for slim ODD)
Kensington Lock Hole		x 1 (Rear)
Storage Bay	Slot-in Slim ODD Bay	x 1
	2.5" SATA II HDD Bay	x 1
CPU Thermal	Module	AOpen Thermal Module
	Noise	27dB
WatchDog Timer		1 ~ 255 SEC./min
Adapter		90W (20V, 4.5A) AC Adapter
Input Voltage		AC 100 ~ 240V/DC 12V/20V

Environment	
MTBF	40,000hrs
Operating Temperature	0 ~ 50°C (32 ~ 122°F)
Storage Temperature	-30 ~ 60°C (-22 ~ 140°F)
Relative Humidity	90% RH (40°C non-Condensing)
Operating Vibration	0.5Grms, Random, 10 ~ 500Hz, X,Y,Z 3Axes, 0.5hr/Axis
Non-Operating Vibration	2Grms, Random, 10 ~ 300Hz, X,Y,Z 3Axes, 1hr/Axis
Operating Shock	8G, Half sine, 11ms duration
Non-Operating Shock	50G, Half sine, 11ms duration

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DEX2750

Model name		DEX2750
Part number		91.DE201.I220
Housing Material		SECC/Aluminum
Dimension	W x H x D (mm)	252 x 42.8 x 165 mm
	W x H x D (in)	9.92 x 1.68 x 6.50 inch
Volume(liters)		1.78L
Weight(Kg/Pound)		1.66 kg/3.65 pound (N.W.)
Form Factor		mini-ATX
CPU	Type	Intel Atom N270 1.6GHz CPU (INCLUDED)
	FSB	533 MHz
Chipset	NB	Intel 945GSE Chipset
	SB	ICH7M
Memory	Channels	Single Channel
	Type	DDRII SO-DIMM x 1
	DDR	533
	Max Memory	2GB
Graphics	Chip	Intel GMA 950GSE
	DVI-I	x 1
	VGA Port	x 1 (via DVI to VGA converter)
	HDMI Port	N/A
Expansion	Mini Card Slot	x 1
Audio	Type	Realtek HD Audio Codec ALC662
	Channels	Stereo
USB2.0		x 4
Intel AMT Support		N/A

LAN		Realtek Gigabit Ethernet x 2
		10/100/1000
Storage	S-ATA Connector	x 1 (for 2.5" HDD)
Kensington Lock Hole		x 1 (Rear)
Storage Bay	Front CF Bay	x 1
	2.5" SATA II HDD Bay	x 1
CPU Thermal	Module	AOpen FANLESS Thermal Module
	Noise	0dB
WatchDog Timer		1 ~ 255 SEC.
Adapter		65W (12-19V, 3.42A) AC Adapter
Input Voltage		AC 100 ~ 240V/DC 12V/19V

Environment	
MTBF	40,000hrs
Operating Temperature	0 ~ 40°C (32 ~ 113°F)
Storage Temperature	-30 ~ 65°C (-4 ~ 140°F)
Relative Humidity	90%RH (40°C non-Condensing)
Operating Vibration	0.5Grms, Random, 10 ~ 500Hz, X,Y,Z 3Axes, 0.5hr/Axis with 2.5" SATA HDD
	2Grms, Random, 10 ~ 500Hz, X,Y,Z 3Axes, 0.5hr/Axis with CF Card
Non-Operating Vibration	2Gms, Random, 10 ~ 300Hz, X,Y,Z 3Axes, 1hr/Axis
Operating Shock	8G, Half sine, 11ms duration
Non-Operating Shock	50G, Half sine, 11ms duration

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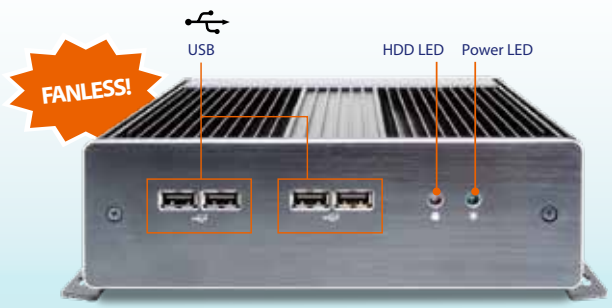
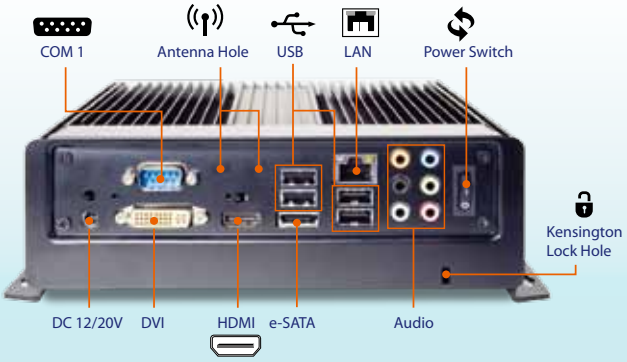
DEX4502





Model name		DEX4502
Part Number		91.DE201.I520
Housing Material		SECC/Aluminum
Dimension	W x H x D (mm)	200 x 60 x 200 mm
	W x H x D (in)	7.87 x 2.36 x 7.87 inch
Volume (liters)		2.4L
Weight (Kg/Pound)		2.85 kg/6.27 pound (N.W.)
Form Factor		mini-ITX
CPU	Socket	Socket P
	Type	Supports intel Penryn Core 2 Duo CPU TDP≦35W
	FSB	667/800/1066 MHz
Chipset	NB	Intel GM45 chipset
	SB	ICH9M
Memory	Channels	Dual Channel
	Type	DDRII SO-DIMM x 2
	DDR	667/800
	Max Memory	8GB (depending on OS)
Graphics	Chip	Intel GMA X4500 MHD
	DVI-I	x 1
	VGA Port	x 1 (via DVI to VGA concerter)
	HDMI Port	x 1
Expansion Slot	Mini Card Slot	x 2
Audio	Type	Realtek HD Audio Codec ALC888
	Channel	7.1 CH
LAN		Intel Gigabit Ethernet
		10/100/1000
USB 2.0		x 8 (4 Rear, 4 Front)
WatchDog Timer		1 ~ 255 SEC./min
Storage	S-ATA Connector	x 3
Security	Kensington Lock Hole	x 1 (Rear)
Storage Bay	2.5" SATA II HDD Bay	x 1
CPU Hermal	Module	AOpen Proprietary Fanless Thermal Solution
	Noise	0dB
Adapter		90W (20V, 4.5A) AC Adapter
Input Voltage		AC 100 ~ 240V/DC 12V/20V

Environment	
MTBF	40,000hrs
Operating Temperature	-5 ~ 40°C (23 ~ 104°F)
Storage Temperature	-20 ~ 60°C (-4 ~ 140°F)
Relative Humidity	90% RH (40°C non-Condensing)
Operating Vibration	0.5Grms, random, 10 ~ 500Hz, X,Y,Z 3Axes, 0.5hr/Axis
Non-Operating Vibration	2Grms, random, 10 ~ 300Hz, X,Y,Z 3Axes, 1hr/Axis
Operating Shock	8G, Half sine, 11 ms duration
Non-Operating Shock	50G, Half sine, 11ms duration

Accessory	
HDMI To DVI Cable (1500mm)	x 1
SATA to CF Bridge Board	x 1
AC Adapter	90W PWR 20V Adapter x 1
Power Cord	x 1
L Type Holder	x 1
DVI to VGA converter	x 1
Power Clamp	x 2
Utilities & Drivers CD	x 1
Assembly Guide	x 1

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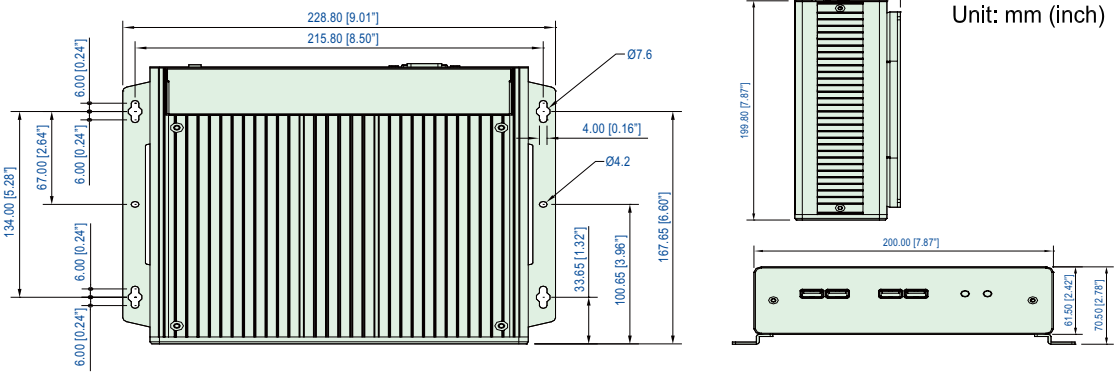

Unit: mm (inch)

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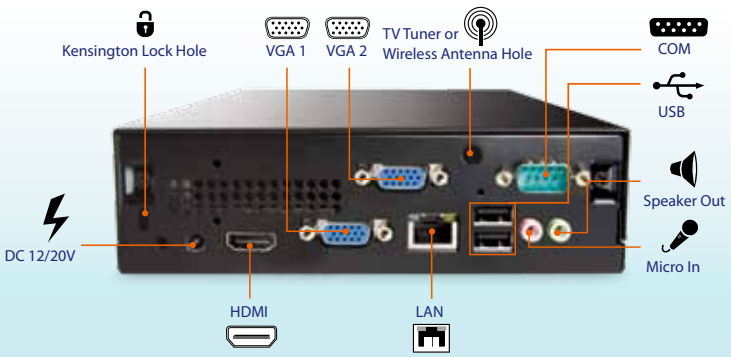
DE45-HA/DE45-Pro



Model name		DE45-HA	DE45-Pro
Part Number		91.ADE01.V520	91.ADE01.I520
Housing Material		SECC t=0.8 mm	
Dimension	W x H x D (mm)	166 x 45 x 157 mm	
	W x H x D (in)	6.54 x 1.89 x 6.18 inch	
Volume (liters)		1.25L	
Weight (Kg/Pound)		1.23 kg/2.72 pound (N.W.)	
Form Factor		mini-ATX	
CPU	Socket	Socket P	
	Type	Supports Intel Core 2 Duo, CeleronM CPU (Penryn & Santa Rosa Refresh) TDP≦ 35W	
	FSB	667/800/1066 MHz	
Chipset	NB	Intel GM45 Chipset	
	SB	ICH9M-E	ICH9M
Intel AMT Support		Supports AMT4.0	N/A
Memory	Channels	Dual Channel	
	Type	DDRII SO-DIMM x 2	
	DDR	667/800	
	Max Memory	8GB	4GB
		(depending on OS)	
Graphics	Chip	Intel GMA X4500MHD	
	DVI Port	N/A	
	VGA Port	x 2	
	HDMI Port	x 1	
Expansion Slot	Mini PCI Slot	N/A	
	Mini Card Slot	x 1	
Audio	Type	Realtek HD Audio Codec ALC662	
	Channels	Stereo/5.1 CH using HDMI	
USB2.0		x 4 (2 (Rear), 2 (Front))	

LAN		Intel Gigabit Ethernet W82567LM
		10/100/1000
Storage	ATA Connector	N/A
	S-ATA Connector	x 2 (for 2.5" HDD and Slim Optical)
Security	Trusted Platform Modules (TPM v1.2)	N/A
	Kensington Lock Hole	x 1 (Rear)
Storage Bay	2.5" SATA II HDD Bay	x 1
	ODD	x 1
CPU Thermal	Module	AOpen Thermal Module
	Noise	27dB
WatchDog Timer		1 ~ 255 SEC./min
Adapter		90W (20V, 4.5A) AC Adapter
Input Voltage		AC 100 ~ 240V/DC 12V/20V

Environment	
MTBF	40,000hrs
Operating Temperature	0 ~ 50°C (32 ~ 122°F)
Storage Temperature	-30 ~ 65°C (-22 ~ 149°F)
Relative Humidity	95% RH (50°C non-Condensing)
Operating Vibration	0.5Grms, Random, 10 ~ 500Hz, X,Y,Z 3Axes, 0.5hr/Axis
Non-Operating Vibration	2Grms, Random, 10 ~ 500Hz, X,Y,Z 3Axes, 0.5hr/Axis
Non-Operating Vibration	2Gms, Random, 10 ~ 300Hz, X,Y,Z 3Axes
Operating Shock	8G, Half sine, 11ms duration
Non-Operating Shock	50G, Half sine, 11ms duration

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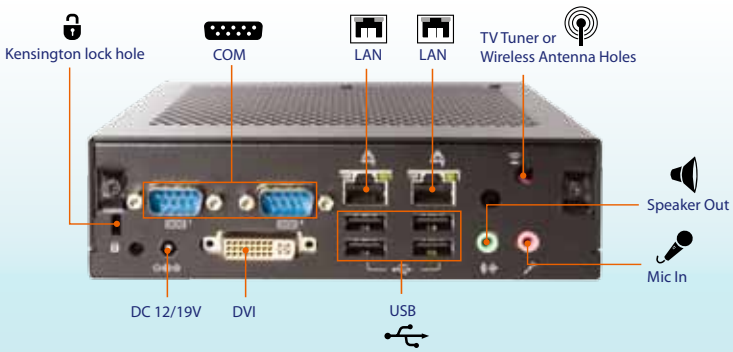
DE2700



Model name		DE2700
Part Number		91.ADE01.I220
Housing Material		SECC t=0.8 mm
Dimension	W x H x D (mm)	166 x 48 x 157 mm
	W x H x D (in)	6.54 x 1.89 x 6.18 inch
Volume (liters)		1.25L
Weight (Kg/Pound)		1.22 kg/2.68 pound (N.W.)
Form Factor		mini-ATX
CPU	Type	Intel Atom N270 1.6GHz CPU (INCLUDED)
	FSB	533 MHz
Chipset	NB	Intel 945GSE Chipset
	SB	ICH7M
Memory	Channels	Single
	Type	1GB DDRII SO-DIMM x 1(INCLUDED)
	DDR	533
	Max Memory	2GB
Graphics	Chip	Intel GM 950GSE
	VGA Port	x 1 (via DVI to VGA converter)
	DVI-I	x 1
Audio	Type	Realtek HD Audio Codec ALC662
	Channels	Stereo
	Line-Out (Front-Out L/R)	x 1
	Mic-In (Central/Subwoofer out)	x 1
Expansion	Mini Card Slot	x 1

LAN		Realtek Gigabit Ethernet x 2
		10/100/1000
USB 2.0		x 4
Storage	S-ATA Connector	x 1 (for 2.5" HDD)
Kensington Lock Hole		x 1 (Rear)
Storage Bay	Front CF Bay	x 1
	2.5" SATA II HDD Bay	x 1
CPU Thermal	Module	AOpen FANLESS Thermal Module
	Noise	0dB
WatchDog Timer		1 ~ 255 SEC.
Adapter		65W (12-19V, 3.42A) AC Adapter
Input Voltage		AC 100 ~ 240V/DC 12V/19V

Environment	
MTBF	40,000hrs
Operating Temperature	0 ~ 40°C (32 ~ 104°F)
Storage Temperature	-20 ~ 60°C (-4 ~ 140°F)
Relative Humidity	90% RH (40°C non-Condensing)
Operating Vibration	0.5Grms, Random, 10 ~ 500Hz, X,Y,Z 3Axes, 0.5hr/Axis
Non-Operating Vibration	2Grms, Random, 10 ~ 300Hz, X,Y,Z 3Axes, 1hr/Axis
Operating Shock	8G, Half sine, 11ms duration
Non-Operating Shock	50G, Half sine, 11ms duration

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DE3100

Model name		DE3100
Part Number		91.DE700.00A0
Housing Material		SECC t=0.8 mm
Dimension	W x H x D (mm)	166 x 48 x 157 mm
	W x H x D (in)	6.54 x 1.89 x 6.18 inch
Volume (liters)		1.25L
Weight (Kg/Pound)		1.08 kg/2.376 pound (N.W.)
Form Factor		mini-ATX
CPU	Type	Intel Atom D2550 1.86GHz (INCLUDED)
	FSB	533 MHz
Chipset	PCH	Intel NM10 Chipset
Memory	Channels	Single
	Type	2GB DDRIII SO-DIMM x1 (INCLUDED)
	DDR	800/1066
	Max Memory	4GB
Graphics	Chip	Intel GMA3650
	VGA Port	x 1
	HDMI Port	x 1
Audio	Type	Realtek HD Audio Code ALC662
	Channels	Stereo
	Line-Out(Front-out L/R)	x 1
	Mic-in (Central/Subwoofer out)	x 1
Expansion	Mini Card Slot	x 2
USB 2.0		x 3

LAN		Realtek Gigabit Ethernet x1
		10/100/1000
Kensington Lock Hole		x1 (Rear)
Storage Bay	m SATA	x1 (Full size mini-card)
	2.5" SATA HDD Bay	x 1
CPU Thermal	Module	AOpen FANLESS Thermal Module
	Noise	0dB
WatchDog Timer		1 ~ 255 SEC./min
Adapter		65W (19V, 3.42A) AC Adapter
Input Voltage		AC 100 ~ 240V/DC 12V/19V
Environment		
MTBF		40,000hrs
Operating Temperature		0 ~ 40ºC (32 ~ 104ºF)
Storage Temperature		-20 ~ 60ºC (-4 ~ 140ºF)
Relative Humidity		90% RH
Operating Vibration		0.5Grms, Random, 10 ~ 500Hz, X,Y,Z 3Axes, 0.5hr/Axis
Non-Operating Vibration		2Grms, Random, 10 ~ 500Hz, X,Y,Z 3Axes, 0.5hr/Axis
Non-Operating Vibration		2Gms, Random, 10 ~ 300Hz, X,Y,Z 3Axes
Operating Shock		8G, Half sine, 11ms duration
Non-Operating Shock		50G, Half sine, 11ms duration

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warmTOUCH

WT22M-RH

Multi-touch interactive display with built-in PC

The WT22M-RH has a 21,5 inch multi-touch display with a LED backlit panel. The built-in PC is based on the AOpen Digital Engine technology including Intel® Core™ i3 Processor. It supports dual channel DDR3 memory that allows for high performance. The Watchdog functionality can trigger a corrective action to automatically recover from lockups, eliminating IT support or helpdesk calls.
The display is built in an aluminium casing with a dust and water resistant panel and body, it is designed to handle the rigors of intense use in a variety of scenarios.

Model name	WT22M-RH
Dimensions	532 x 332 x 60 mm (W x H x D)
Weight	9kg/19.84 lbs
CPU	Supports Socket G2 Intel Sandy Bridge CPU 1066/1333 MHz
CPU Thermal	AOpen Silent Tek Thermal Module Noise 24dB (idle mode)
Chipset	Intel QM67
Memory	Dual Channel DDRIII SO-DIMM x 2 1066/1333MHz Max Memory: 8G (depending on OS)
Graphics	CPU built-in VGA Output x 1 VGA Input (Monitor) x 1
LAN	Dual Intel Gigabit Ethernet 10/100/1000
Audio	Realtek HD Audio Codec ALC886 5.1 Channel
Expansion slot	Mini card Slot x 2
Memory	S-ATA Connector x 1 (for 2.5" HDD)
LCD (LED Back light)	Default Resolution : 21.5" (1920 x 1080) Maximum Brightness : 250 nits
Touch Panel	Multi Touch 4 Wire Resistive
Aspect Ratio	16:9
Button/Indicator	Power Button, Monitor Function Buttons, HDD indicator (red) x 1 Power indicator (green) x 1
System I/O	DC 20V Jack x 1 VGA In Port (Monitor) x 1 RS232 Port (Monitor) x 2 VGA Out Port x 1 (Duplex and External Mode) RJ45 LAN Jack x 2 USB 2.0 x 6 PC Legacy RS232 Serial Port (COM Port) (RI/5V/12 by Jumper Setting) x 4 RS485 or RS422 (COM2 by Jumper Setting) x 1 RJ11 for Cash Drawer (12V/20V by Jumper) x 1 PC Legacy Printer Port x 1 Audio Line-in x 1, Line-out x 1, Mic-in x 1 Antenna Hole x 3 Kensington Lock Hole x 1
Webcam	1.3MP x 1
Mic	High Sensitivity Mic x 1
Mounting Kit	Wall Mount Kit x 1
Adapter	90W (20V, 4.5A) AC Adapter
WatchDog Timer	1 sec ~ 255 min
Accessories	90W PWR Adapter x 1 Power Cord x 1 Utilities & Drivers CD x 1 EIG x 1

WT22M-RH

- **Multi-touch All-in-one Display**
  - Cable Clamp, Cable Cover, Key Lock, Rugged VESA Hole
  - Rugged housing and IP54 dust & water proof display front design. Body IPX1 water resistant design
  - No harmful sharp edges
  - Only 60mm thick
  - Slim HDD bay design for easy installment
- **Rich I/O ports provide excellent peripheral connectivity**
  - RJ-45 RS232 x 4 (COM2 option RS485/422), such as Barcode scanner
  - Parallel Port (PRT), such as traditional printer
  - RJ-11 for cash drawer
  - USB x 6, mini Card x 2, Dual LAN, IR Receiver (WT22M-RH supports vPRO_AMT)
- **Best Platform**
  - Main Stream Panel. Full HD +LED B/L Panel. (WT22M- RH use 21.5" 1920 x 1080. LED B/L)
  - Sandy Bridge CPU & QM67 Chipset (WT22M-RH)- DDR3 Memory

Waterproof

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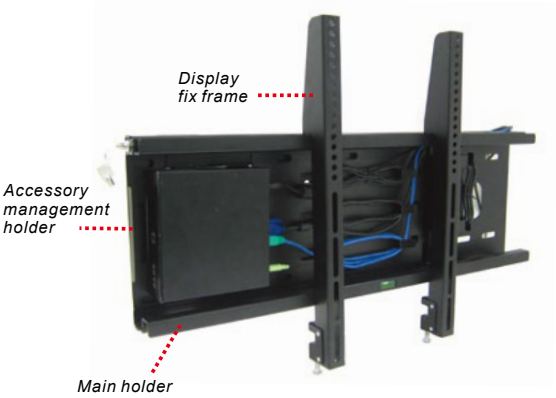
TITAN ONE

Soporte de pared para Digital Engines

Solución de montaje universal y gestión de cable para monitores y Digital Engines, que están protegidos dentro de un compartimento embebido con cierre.

- Soporta monitores de digital signage de entre 32" y 65"
- Máxima capacidad de peso:
  50kg (para el modelo Titan One 530) y 80kg (para el modelo Titan One 800)
- Elección de montaje vertical u horizontal
- Incluye soporte para Digital Engine, fuente de alimentación, gestión de cable y kits inalám- bricos
- Ángulo de monitor ajustable: 0 - 20 grados (montaje en techo/pared)
- Proteje los Digital Engines del polvo
- Diseño Todo-En-Uno que permite un mantenimiento sencillo

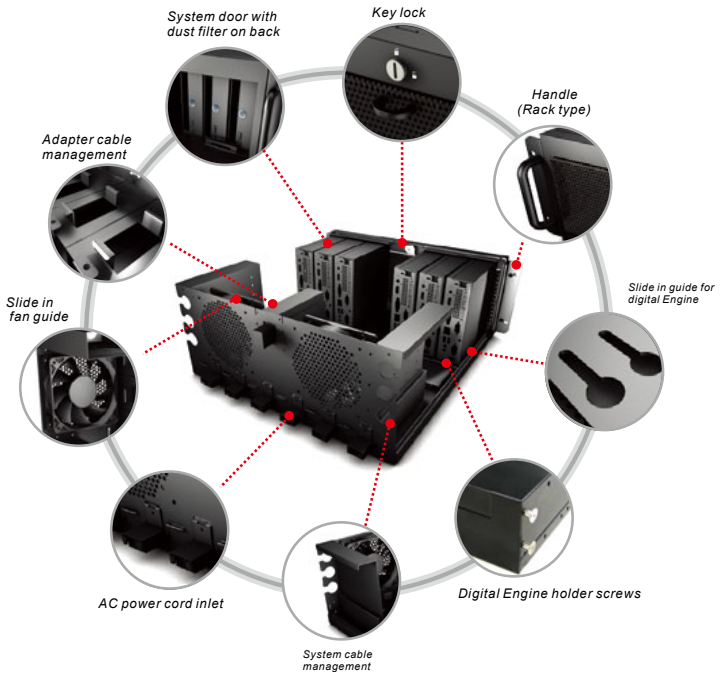


Professional mounting solution with embedded Digital Engine inside

Titan One: Ceiling-mount type

Titan One: Wall-mount

Rack 4U para Digital Engine


System door with dust filter on back
Key lock
Handle (Rack type)
Adapter cable management
Slide in guide for digital Engine
Slide in fan guide
AC power cord inlet
System cable management
Digital Engine holder screws

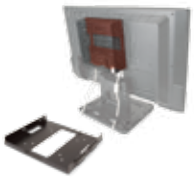
ENGINE CORE

Agrupe Digital Engines™ con el Engine Core - una solución de control central innovadora para entornos de red. Mejora la seguridad, monitorización y protección frente a pérdida de datos mediante una aproximación hardware-centric.
También proporciona una solución de fácil mantenimiento y TI ecológica para computación en cluster (paralela).

- Dimensiones:
  177(A) x 440(L) x 405(P) mm (tipo montaje en rack)
  177(A) x 440(L) x 445(P) mm (tipo soporte único)
- Seis ranuras para Digital Engine
  Ranuras Digital Engine: 48(A) x 167(L) x 158(P) mm
  Fuente de alimentación (95W) x 6
- Ventiladores de refigeración (12cm) x 2
- Adaptador de 12V x 1 (para ventiladores de refrigeración)
- Cierre por llave para puerta frontal y carcasa superior
- Filtro de polvo intercambiable detrás de la puerta frontal
- USB 2.0 frontal y acceso A/V (opcional)
- Asa frontal desmontable para Engine Cores de montaje en Rack o en solitario
- Incorpora carcasas de montaje en Rack 4U de 19" o puede ser utilizado como servidor Engine Core en solitario
- Ranuras de Digital Engine deslizantes de entrada/salida: y fácil montaje y desmontaje del sistema
- Solución de gestión de cables

Soportes

Model Name	**LH01**	**LH02**
Product Name	L Bracket	L Bracket
Mountability	AOpen Proprietary Dimension	AOpen Proprietary Dimension
Application	Horizontal Application Vertical Application	Horizontal Application Vertical Application
Support Model	DE45-Pro/ DE7000/ DE2700/ DE67-HA/ DE45-HA/ DE57-HA/ DE35-HD	DE45-Pro/DE7000/DE2700/DE67-HA/DE45-HA/DE57-HA/ DE35-HD

			
Model Name	**VM02**	**VM03**	**VM04**
Product Name	LCD Back Mount Kit	LCD Back Mount Kit w/Cover	U Bracket
Mountability	VESA Standard	VESA Standard	VESA Standard
Application	To mount Digital Engine on the back of the display with 75 x 100mm VESA FDMI (Flat Display Mounting Interface) compliant holes.	To mount Digital Engine on the back of the display with 75 x 100mm VESA FDMI (Flat Display Mounting Interface) compliant holes. (with Cable Management)	To mount Digital Engine on the back of the Panel with 75 x 100mm VESA FDMI (Flat Display Mount Interface) compliant holes.
Support Model	DE45-Pro/ DE7000/ DE2700/ DE67-HA/ DE45-HA/ DE57-HA/ DE35-HD	DE45-Pro/ DE7000/ DE2700/ DE67-HA/ DE45-HA/ DE57-HA/ DE35-HD	DE45-Pro/ DE7000/ DE2700/ DE67-HA/ DE45-HA/ DE57-HA/ DE35-HD

Accessorios

Model Name	**TV Tuner Kit (DVBT)**	**802.11b/g/n Wireless kit**	**UB01-USB Kit**	**SB01-CF to 2.5" SATA HDD Bridge Board**
AOpen P/N	90.MA610.0020	60.MA558.0310	91.ADE49.0010	91.MA601.0410
EAN Code	4712601-293322-3	471260-2947435	4712602946364	
Slot	Mini Card Slot		USB	SATA
Interface	MPCIe			
Module Board	Analog/DVB-T TV Yuan HybridTV Mini Card (Analog TV includes PAL, SECAM, NTSC)	802.11b/g 54Mbps Wireless LAN PCI Express Mini Card	NA	CF 2,5" SATA utilizing 2,5" HDD Bay
Support Model	DEX4502/ DE45-Pro/ DE7000	DEX4502/ DE45-Pro/ DE7000	DE45-Pro/ DE57-HA/ DE7000	DE45-Pro/ DEX4502/ DE7000